

Ingersoll-Rand®

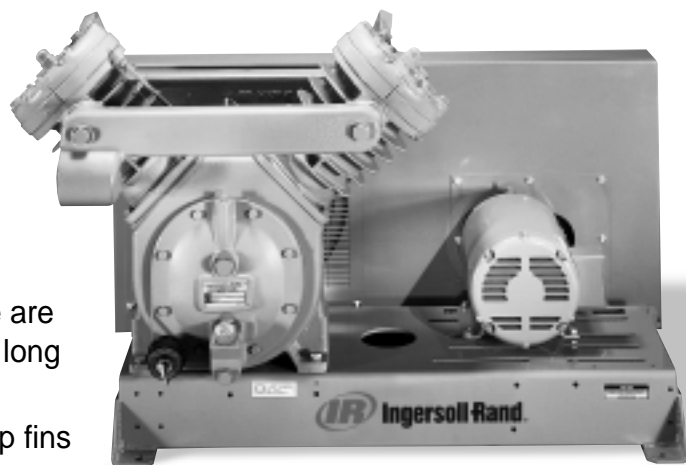
Vacuum Pumps

Engineered for compactness, economy and dependability—Ingersoll-Rand's Vacuum pumps are the number one choice for demanding applications, providing top operating efficiency combined with low maintenance. And best of all, these vacuum pumps are backed by Ingersoll-Rand, the world's leader in air compressor and pump manufacturing.

- Provides continuous clean, dry air where you need it
- 100% Cast Iron
- Time Tested Durable Construction
- Single-Stage Design
- Low Maintenance
- Auto Start & Stop Operation

Standard Features

- **Cast Iron Construction** – Cylinders and frame are designed with 100% cast iron for durability and long life.
- **Cylinders** – Separately cast cylinders with deep fins allow for 360° cooling, removing the heat of compression. Individual bolting of the cylinders to the frame for easy inspection and maintenance.
- **Low Oil Level Protection** – The low oil level switch protects the pump from operating without proper lubrication.
- **Piston Rings** – Each piston is equipped with (2) compression rings and (2) oil control rings to maintain maximum operating efficiency and low oil carryover.
- **Valves** – Stainless steel valves are readily accessible and inexpensively replaced if necessary.
- **Connecting Rods** – One piece design permits precision aligned machining of both crankpin and piston pin bearings resulting in longer bearing life. Also allows for simple maintenance—no bolts to come loose or adjust.



Technical Specification Guide

Specifications

Model	Motor (HP)	RPM	Piston Displacement (CFM)	Maximum Vacuum	Receiver Size (GAL)	Package Dimensions (in.) (LxWxH)	Net Weight (lb)
BARE PUMPS							
V23A	1.5	800	9	28.8	N/A	14x15x18	110
V235	1.5	800	18	29.0	N/A	19x17x15	150
V244	2	800	32	29.0	N/A	22x21x17	210
V255	3/5	750	60	29.0	N/A	27x23x20	300
7V	5	900	99	29.0	N/A	31x24x24	500
15V	7.5	800	132	29.2	N/A	35x29x29	650
20V	15/20	800/1100	214/294	28.7	N/A	40x30x33	850
BASEPLATES & SIMPLEXES							
V235X1.5	1.5	800	18	29.0	BASEPLATE	36x18x20	350
V235D1.5	1.5	800	18	29.0	80(horz)	69x21x42	475
V244X2	2	800	32	29.0	BASEPLATE	38x21x23	400
V244D2	2	800	32	29.0	80(horz)	69x22x45	500
V255X3	3	750	60	29.0	BASEPLATE	41x25x25	550
V255D3	3	750	60	29.0	80(horz)	69x25x47	650
V255X5	5	750	60	29.0	BASEPLATE	41x25x25	560
V255D5	5	750	60	29.0	80(horz)	69x25x47	660
7VX5	5	900	99	29.0	BASEPLATE	48x25x29	700
7VD5	5	900	99	29.0	80(horz)	69x27x50	800
15VX7.5	7.5	800	132	29.2	BASEPLATE	53x30x34	900
15VD7.5	7.5	800	132	29.2	80(horz)	69x33x54	1000
20VX15	15	800	214	28.7	BASEPLATE	54x31x35	1300
20VE15	15	800	214	28.7	120(horz)	75x35x60	1600
20VX20	20	1100	294	28.7	BASEPLATE	54x31x35	1350
20VE20	20	1100	294	28.7	120(horz)	75x35x60	1650
DUPLEXES							
2-V235D1.5	1.5	800	36	29.0	80(horz)	66x41x43	800
2-V244D2	2	800	64	29.0	80(horz)	66x40x46	1100
2-V255D3	3	750	120	29.0	80(horz)	66x45x48	1300
2-V255D5	5	750	120	29.0	80(horz)	66x45x48	1320
2-7VE5	5	900	198	29.0	120(horz)	74x54x59	2100
2-15VE7.5	7.5	800	264	29.2	120(horz)	76x60x64	2500
2-20VA15	15	800	428	28.7	240(horz)	90x63x73	3200
2-20VA20	20	1100	588	28.7	240(horz)	90x63x73	3300



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Online solutions: www.air.ingersoll-rand.com

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